

Georgia Tech Update

Changing Conditions

President Wayne Clough

Georgia Tech Advisory Board

September 19, 2003

Admissions

- ⇒ 2,200 incoming freshmen
(same as last year)
- ⇒ Strong academic profile
 - Average SAT: 1336
 - Average GPA: 3.7
- ⇒ In-state students increase slightly; out-of-state students decrease slightly



Student body continues to grow

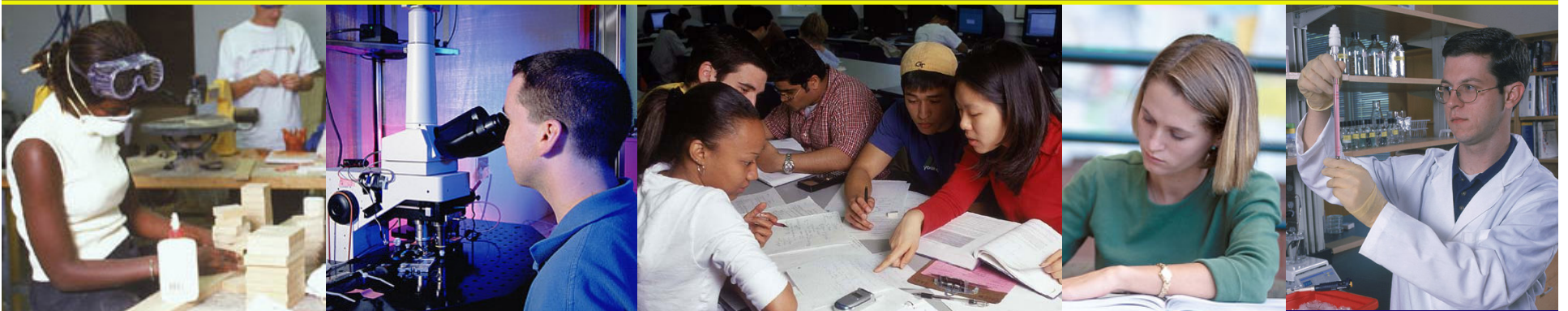
16,586 students enrolled this fall:

⇒ 11,214 under-
graduates

⇒ 5,372 graduate
students

⇒ 16,014 here in Atlanta

⇒ 572 in Savannah,
France, Singapore, or
on-line





Strong undergraduate rankings continue

- ⇒ Top 10 public universities, 5th year in a row
- ⇒ 37th among all universities
- ⇒ Engineering moves into top 5, mirroring graduate rankings
- ⇒ All engineering disciplines in top 10 except chemical engineering, which is 12th
- ⇒ Management 36th overall; strong sub-programs
- ⇒ Strengths: academic reputation, student quality, faculty quality, alumni support

Reshaping campus

- ⇒ Great campus architecture and design express our intent and enhance our image
- ⇒ 18 new/renovated facilities (\$500 million) opened in the past year
- ⇒ 2 million GSF of new/renovated space
- ⇒ Brings campus total to 11.5 million GSF



What makes a great campus?



U Penn's Quadrangle



MIT's
Stata
Center



Thomas Jefferson's
"academic village"

Students achieve excellence



Saniya Ahsan
Churchill Scholar
Cambridge



Nate Watson
Truman Scholar

Stewart Jenkins
Fulbright Fellow
Italy



David Eger
Fulbright Fellow
Budapest



Monique Gupta
Goldwater Scholar

Enlivening the student experience

Over 1,350
undergraduates
participated in
research last year



Student team won
\$250,000 in the 2003
Carrot Capital Business
Plan Challenge for
Torex International

New spaces enhance the learning experience

John S. Coon Building



College of
Management Building



Library West Commons

“The large windows give
a fantastic panoramic view
of campus.”

Anne Wilhoite
Technique column, 8/29/03



“I like to study
here. It...
makes you
comfortable.
The lighting is
great.”

Xiyan Zhang
Junior civil engineering major

Student life flourishes

- ⇒ Library usage increased by 56% after the West Commons opened.
- ⇒ 11,000 people use the new Campus Rec Center each week.
- ⇒ Both men and women are up almost 20% for this fall's Greek rush.

New spaces connect students



“I think it’s wonderful,
especially the new bookstore.
It’s a very good space – you
just feel comfortable here.
You can hang out here. You
can have something to eat,
read some books, listen to
music, or watch a movie.”

Rafiullah Seddiqi
Junior, computer sci major

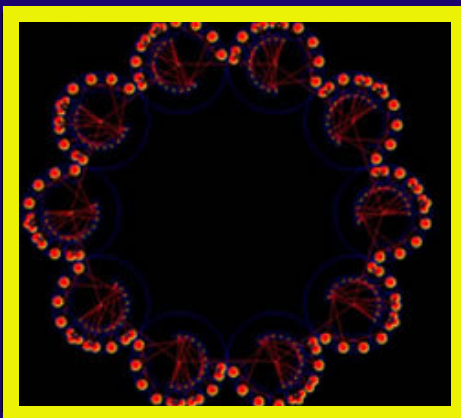


Research reaches new heights



Nanobelts and nanowindmills have made Z. L. Wang one of the most widely cited nanotech scientists in the world.

Students built a robotic hand that can sign the entire alphabet as a tool to teach sign language.



Researchers created the world's fastest detailed simulations of computer networks with over 5 million elements to help them design faster, safer, more reliable networks.

New space opens new research horizons

Ford ES&T Building
Whitaker BME Building



Technology Square
Research Building



“I drove
my wife
around
campus

and told her, ‘Look at all the construction
that is going on here. This is a place
where things are happening.’”

Seth Marder, Chemistry & Biochemistry
Member, Arizona photonics group

And now for something completely different: Technology Square

- ⇒ New launching pad for College of Management
- ⇒ The Global Learning Center: a whole new model for lifelong learning
- ⇒ One-stop services for economic development
- ⇒ Finally, a place to buy things you need (and want)
- ⇒ Beautiful architecture and people instead of abandoned buildings and vacant lots

Looking east: What's different here?



They like it

- ⇒ LEED silver designation for the Management Building
- ⇒ Golden Shoe award for Atlanta's most pedestrian friendly development
- ⇒ Most fanny-friendly seats on campus
- ⇒ More to come



Teams gear up for action

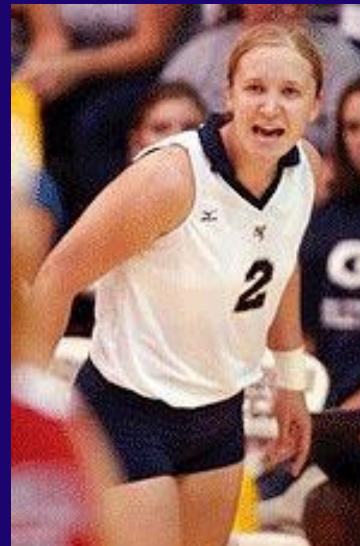
⇒ 3 Tech baseball players on U.S. team at PanAm Games

Catcher Mike Nickeas



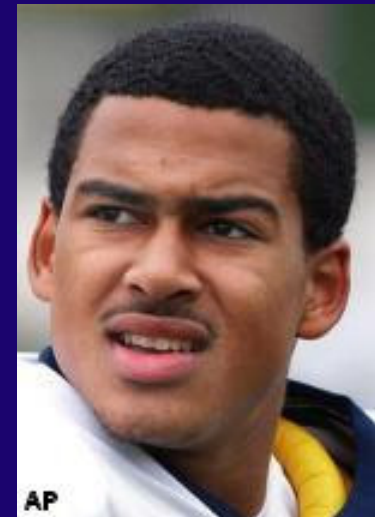
⇒ Volleyball team ranked 5th in the nation

All American Lynnette Moster



⇒ Football team leads the ACC in sacks and rush defense

Freshman quarterback Reggie Ball



Renovated stadia put Georgia Tech on par with other national sports programs

Bobby Dodd Stadium



Russ Chandler
Stadium



“I think it’s going to be electric in this stadium Saturday afternoon... You won’t find a more exciting place to play than right here on Saturday afternoon with this crowd and a great team coming in.”

Football Coach Chan Gailey

President's activities

- ⇒ Nanotechnology Oversight Task Force for Congress (through PCAST)
 - Chair of the photonics and materials subgroup
- ⇒ Co-chair with Sam Palmisano, National Innovation Initiative of the Council on Competitiveness Executive Committee
- ⇒ Continuing chair, NAE's Engineer of 2020 initiative

Since the Strategic Plan was written...

- ⇒ The dot-com bubble burst
- ⇒ The economy slowed down
- ⇒ Venture funds shrank; new start-ups struggled
- ⇒ September 11, 2001 terrorist attacks
- ⇒ War in Afghanistan and Iraq

Since our Strategic Plan was written...

⇒ State funding contracted

- Sustained \$24.3 million in cumulative cuts through FY 03 (11.3% of state funding)
- FY 04: \$4.3 million already cut; another 2.5% underway
- FY 05: potential 5% cut

⇒ “Jobless” recovery

⇒ White collar jobs flowing overseas